

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121922\
 Data File : BN023282.D
 Acq On : 19 Dec 2022 12:40
 Operator : CG/JU
 Sample : N6070-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-226-245-121422-H

Quant Time: Dec 19 15:21:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

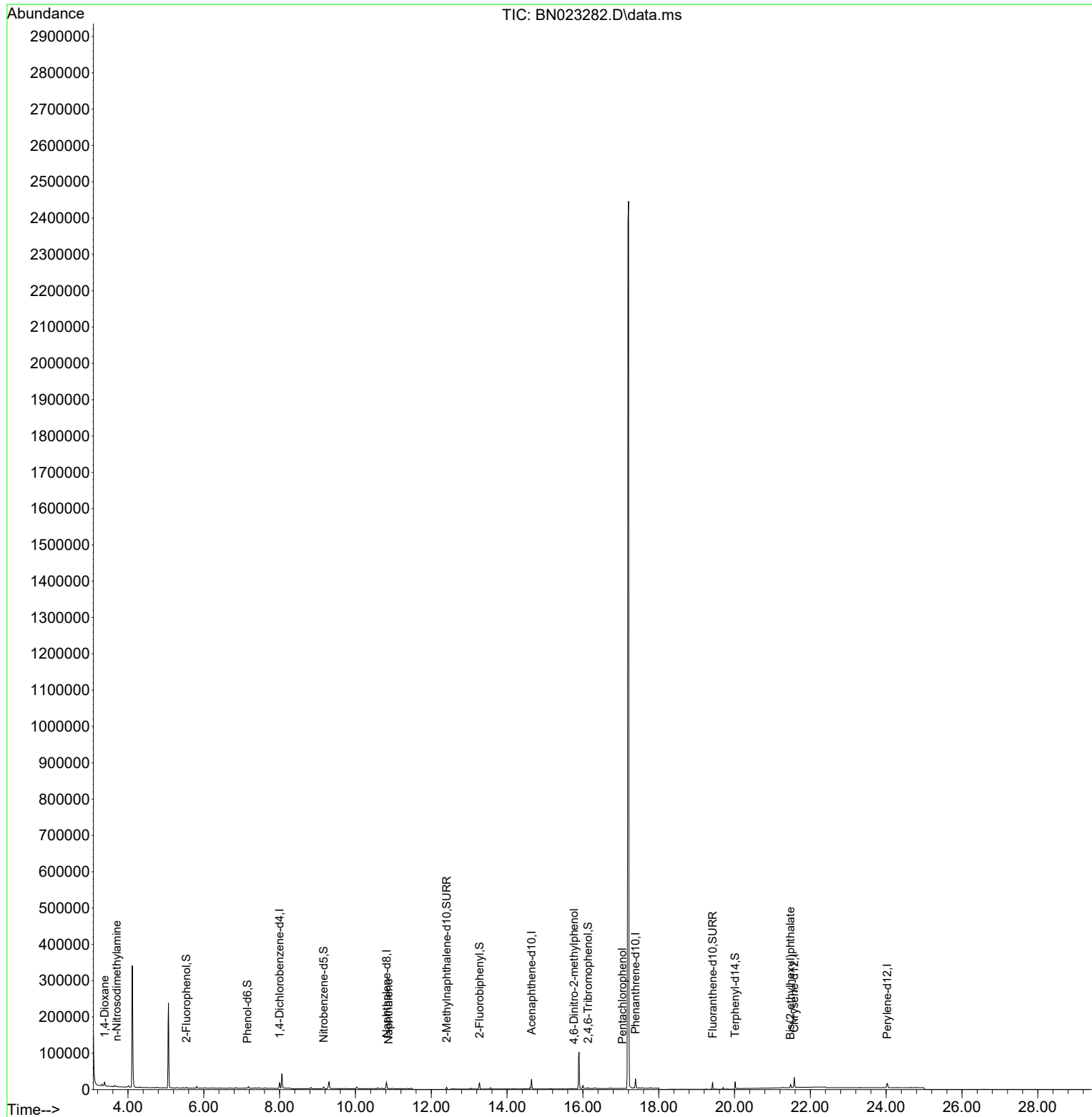
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	6913	0.400	ng	-0.02
7) Naphthalene-d8	10.818	136	22753	0.400	ng	-0.02
13) Acenaphthene-d10	14.645	164	14155	0.400	ng	-0.01
19) Phenanthrene-d10	17.390	188	30735	0.400	ng	#-0.01
29) Chrysene-d12	21.576	240	24364	0.400	ng	#-0.01
35) Perylene-d12	24.028	264	17727	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.543	112	1515	0.118	ng	0.00
5) Phenol-d6	7.154	99	1641	0.100	ng	-0.01
8) Nitrobenzene-d5	9.164	82	3529	0.235	ng	-0.02
11) 2-Methylnaphthalene-d10	12.405	152	7787	0.202	ng	-0.02
14) 2,4,6-Tribromophenol	16.136	330	1237	0.241	ng	-0.01
15) 2-Fluorobiphenyl	13.276	172	15703	0.278	ng	-0.01
27) Fluoranthene-d10	19.422	212	19451	0.270	ng	-0.01
31) Terphenyl-d14	20.017	244	13457	0.340	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.384	88	7112	1.042	ng	# 84
3) n-Nitrosodimethylamine	3.702	42	364	0.054	ng	# 1
9) Naphthalene	10.872	128	1340	0.023	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.764	198	7	0.233	ng	# 1
24) Pentachlorophenol	17.042	266	156	0.021	ng	90
34) Bis(2-ethylhexyl)phtha...	21.477	149	9369	0.282	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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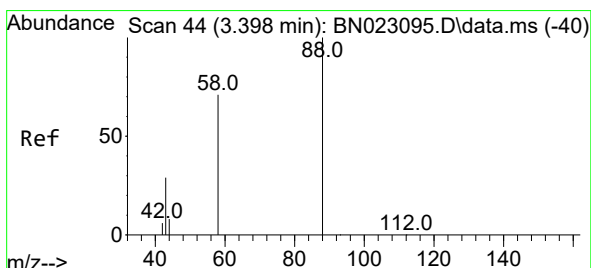
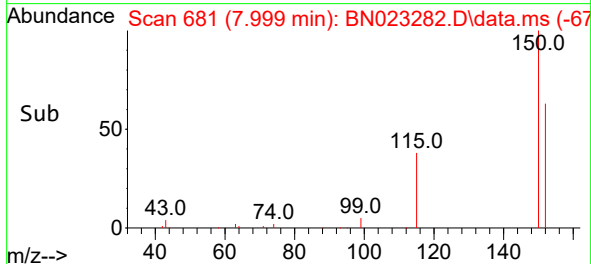
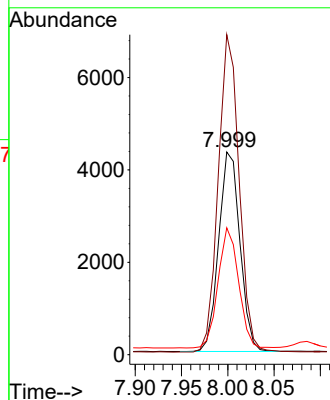
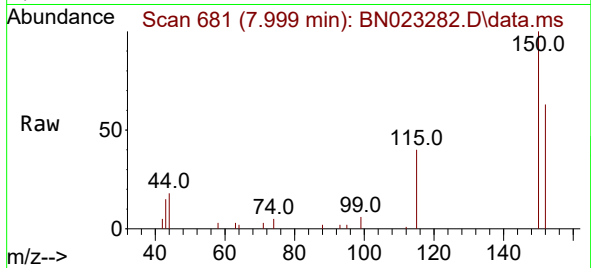




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.999 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: BN023282.D
 Acq: 19 Dec 2022 12:40

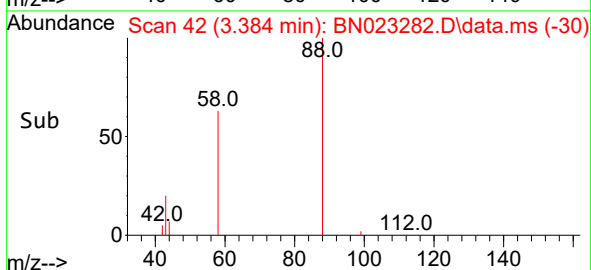
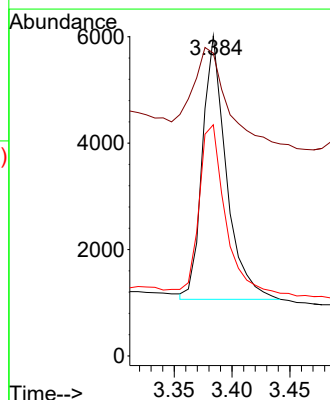
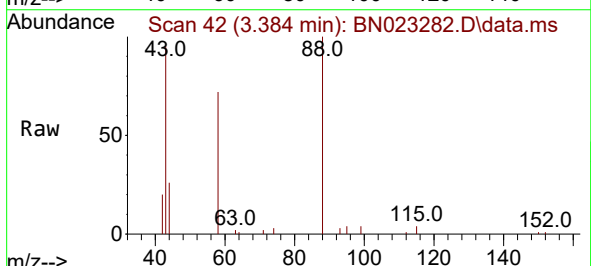
Instrument :
 BNA_N
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 GW-BR-04-226-245-121422-H

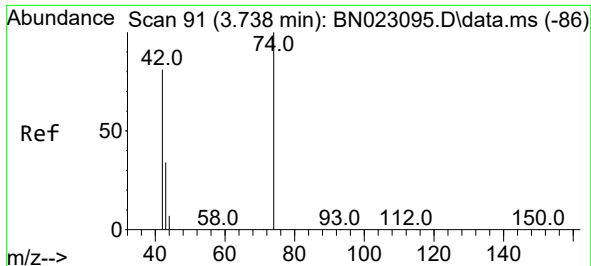
Tgt Ion:152 Resp: 6913
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.6 188.4
 115 62.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 1.042 ng
 RT: 3.384 min Scan# 42
 Delta R.T. -0.015 min
 Lab File: BN023282.D
 Acq: 19 Dec 2022 12:40

Tgt Ion: 88 Resp: 7112
 Ion Ratio Lower Upper
 88 100
 43 53.1 23.3 34.9#
 58 69.0 58.0 87.0

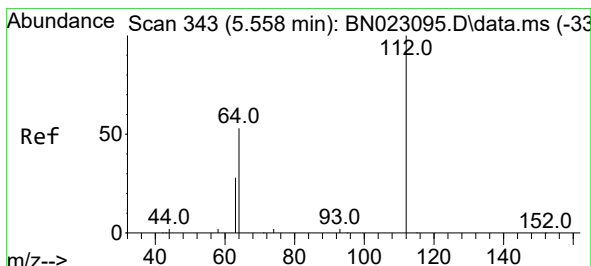
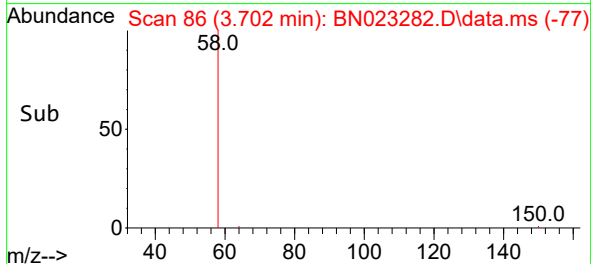
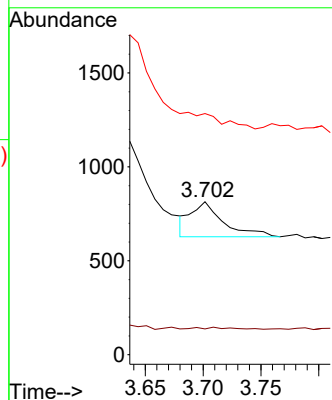
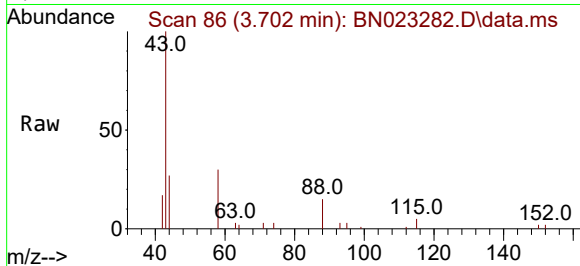




#3
 n-Nitrosodimethylamine
 Concen: 0.054 ng
 RT: 3.702 min Scan# 80
 Delta R.T. -0.036 min
 Lab File: BN023282.D
 Acq: 19 Dec 2022 12:40

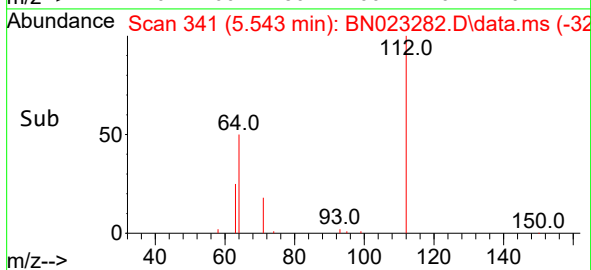
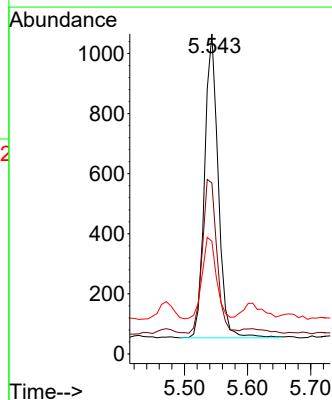
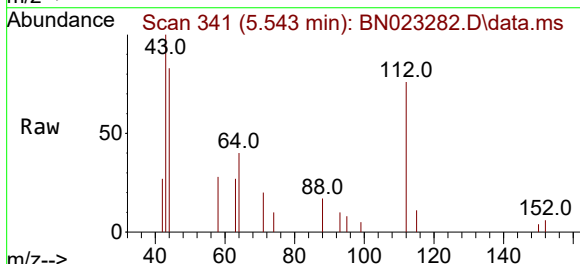
Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-226-245-121422-H

Tgt Ion: 42 Resp: 364
 Ion Ratio Lower Upper
 42 100
 74 0.8 95.8 143.6#
 44 0.0 8.4 12.6#



#4
 2-Fluorophenol
 Concen: 0.118 ng
 RT: 5.543 min Scan# 341
 Delta R.T. -0.007 min
 Lab File: BN023282.D
 Acq: 19 Dec 2022 12:40

Tgt Ion: 112 Resp: 1515
 Ion Ratio Lower Upper
 112 100
 64 54.1 44.4 66.6
 63 27.7 23.7 35.5

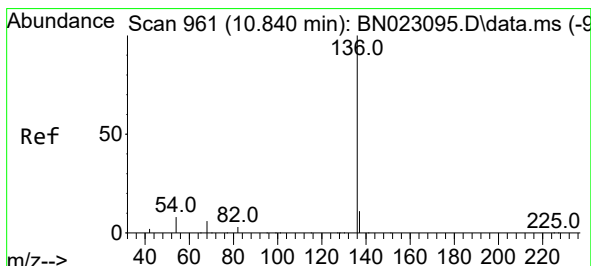
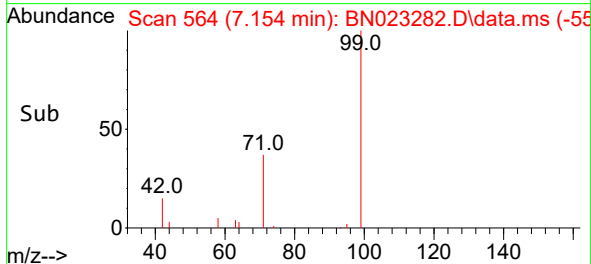
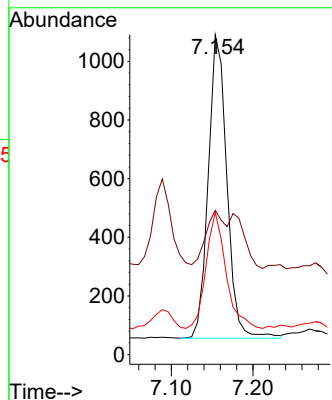
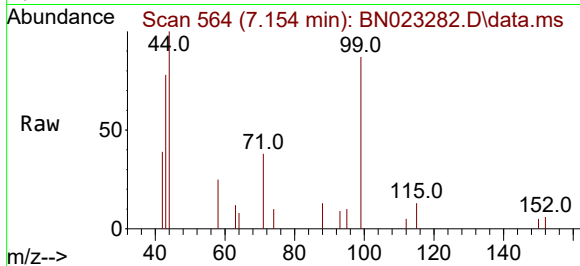




#5
Phenol-d6
Concen: 0.100 ng
RT: 7.154 min Scan# 501
Delta R.T. -0.015 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

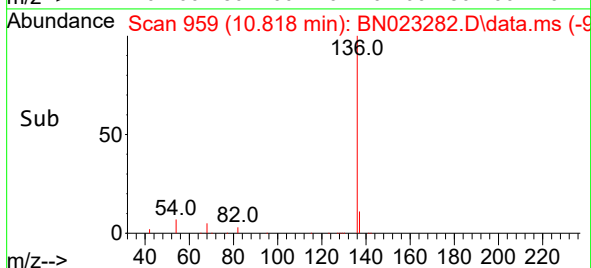
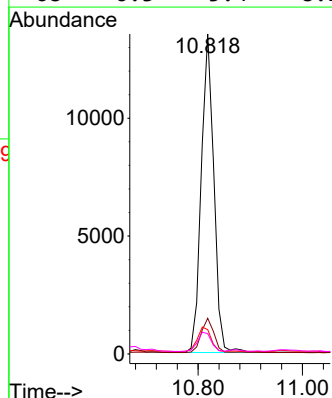
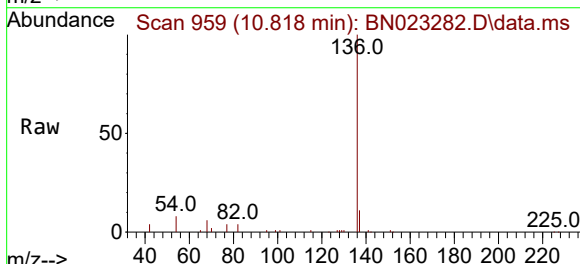
Instrument :
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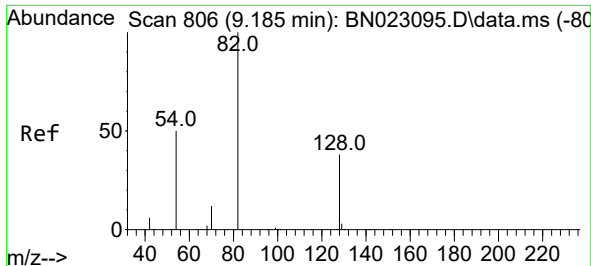
Tgt Ion: 99 Resp: 1641
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 41.0 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.818 min Scan# 959
Delta R.T. -0.022 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Tgt Ion: 136 Resp: 22753
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.6 6.5 9.7
68 6.3 5.4 8.2

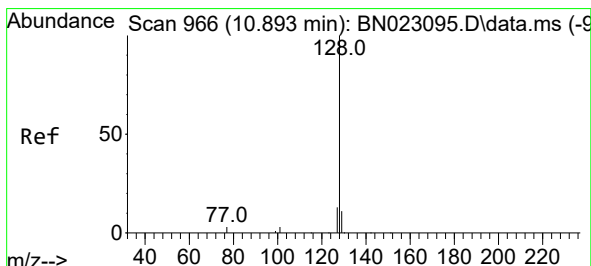
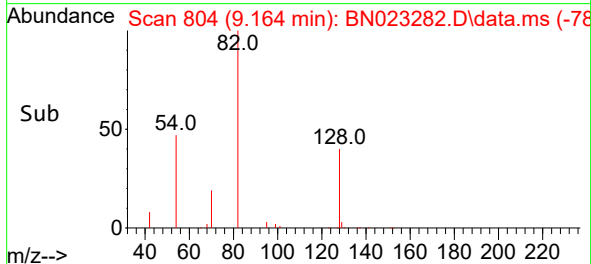
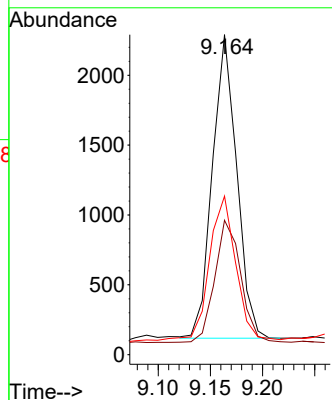
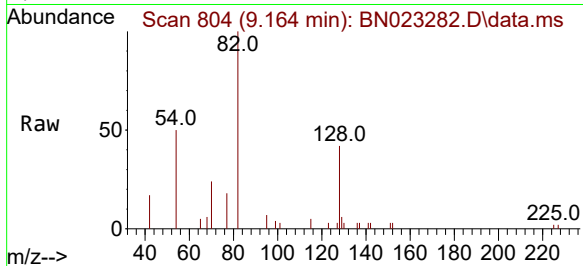




#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 9.164 min Scan# 804
Delta R.T. -0.022 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

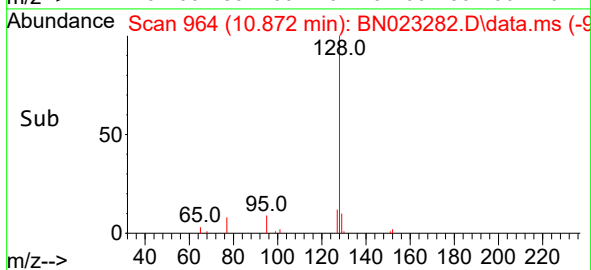
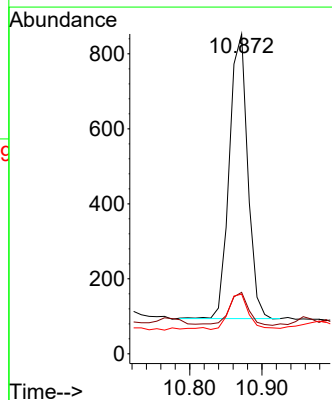
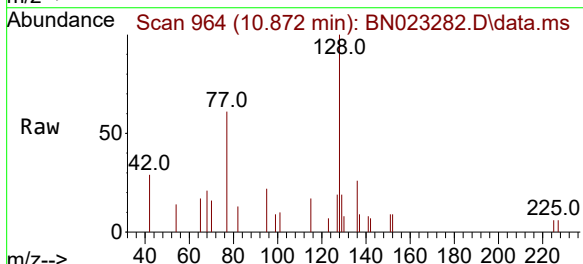
Instrument :
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GW-BR-04-226-245-121422-H

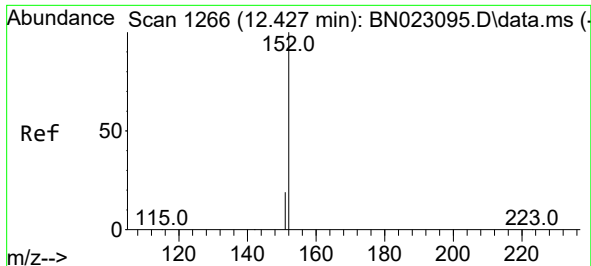
Tgt Ion: 82 Resp: 3529
Ion Ratio Lower Upper
82 100
128 42.0 31.4 47.2
54 49.5 41.0 61.4



#9
Naphthalene
Concen: 0.023 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Tgt Ion: 128 Resp: 1340
Ion Ratio Lower Upper
128 100
129 19.2 9.0 13.6#
127 18.6 10.5 15.7#

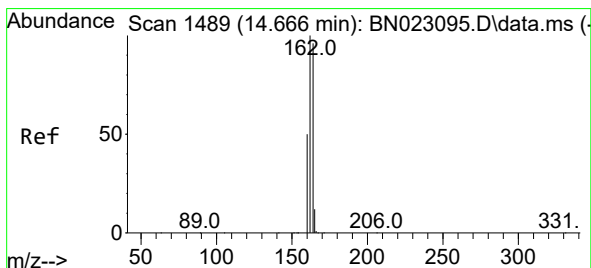
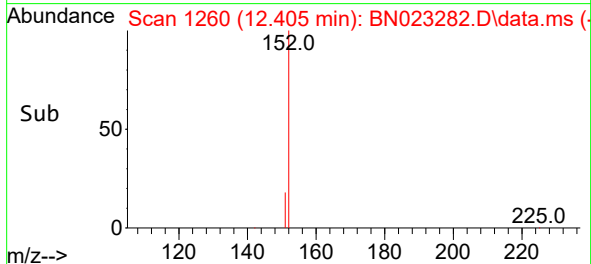
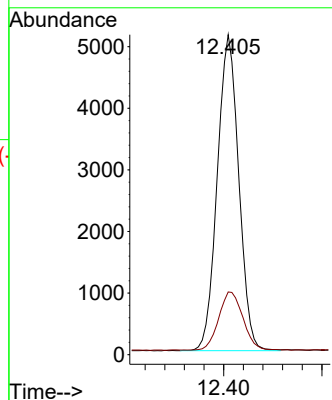
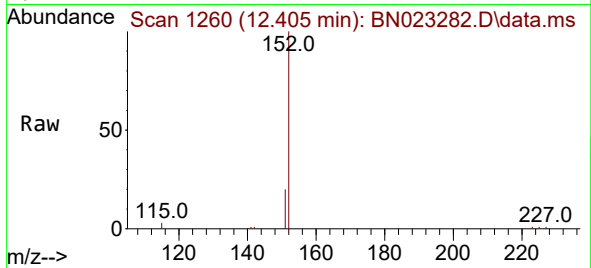




#11
2-Methylnaphthalene-d10
Concen: 0.202 ng
RT: 12.405 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

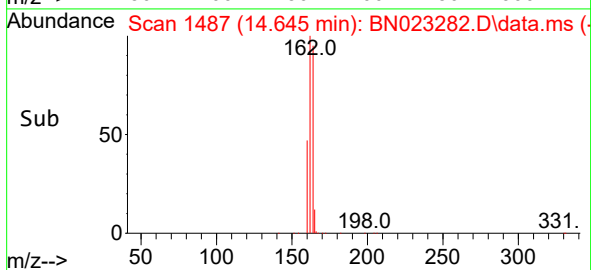
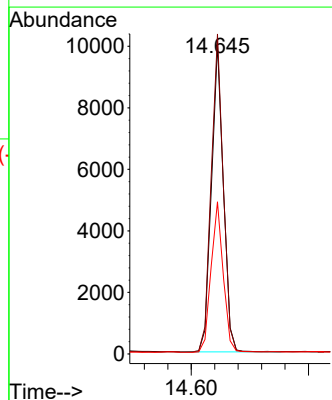
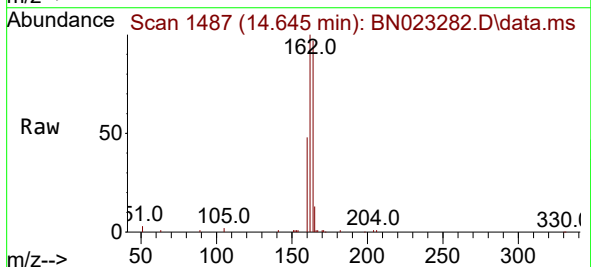
Instrument :
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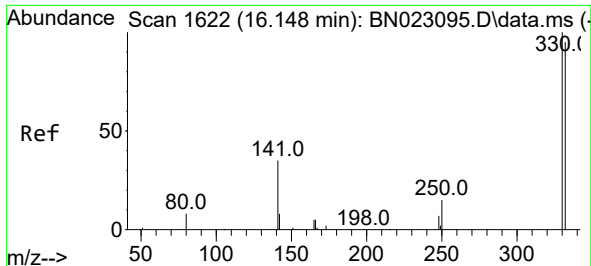
Tgt Ion:152 Resp: 7787
Ion Ratio Lower Upper
152 100
151 20.9 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.645 min Scan# 1487
Delta R.T. -0.011 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

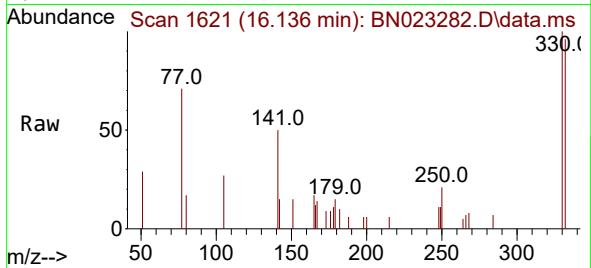
Tgt Ion:164 Resp: 14155
Ion Ratio Lower Upper
164 100
162 103.2 83.4 125.0
160 49.1 41.8 62.8



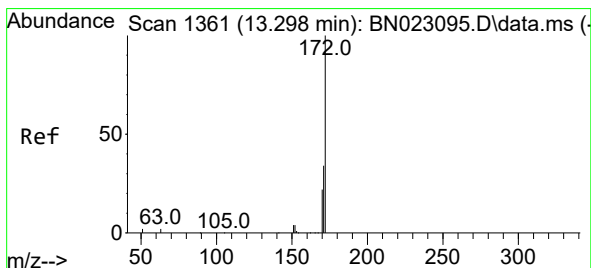
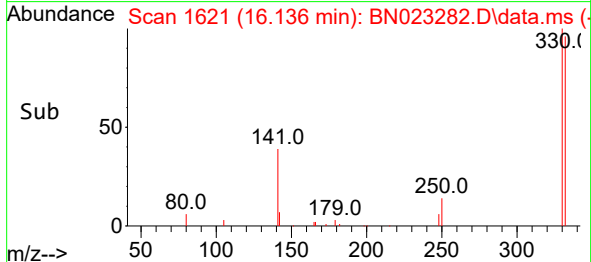
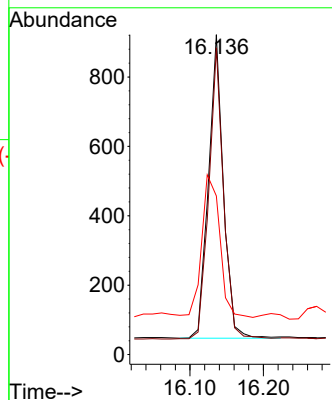


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 16.136 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
GW-BR-04-226-245-121422-H

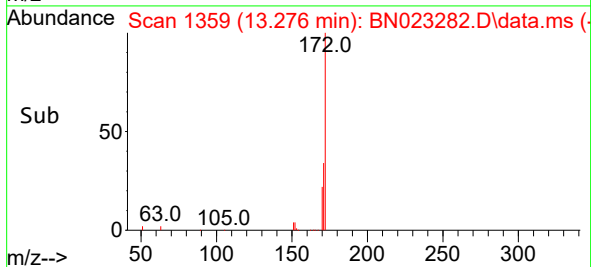
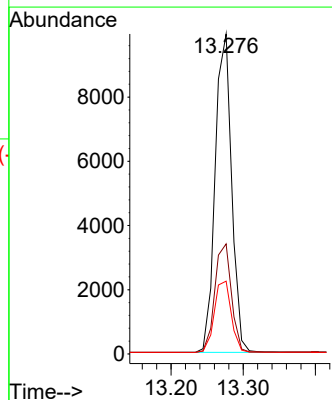
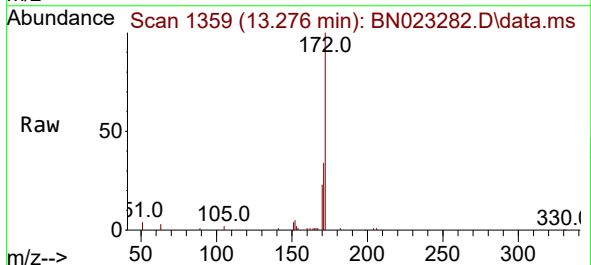


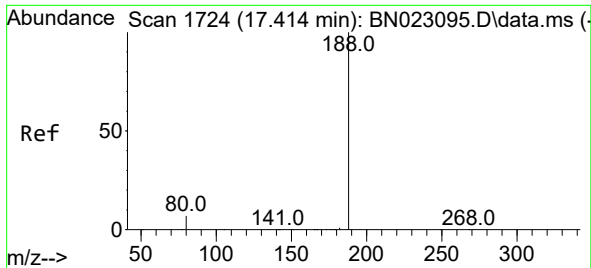
Tgt Ion:330 Resp: 1237
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 56.5 33.5 50.3#



#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.276 min Scan# 1359
Delta R.T. -0.011 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Tgt Ion:172 Resp: 15703
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 22.7 17.9 26.9

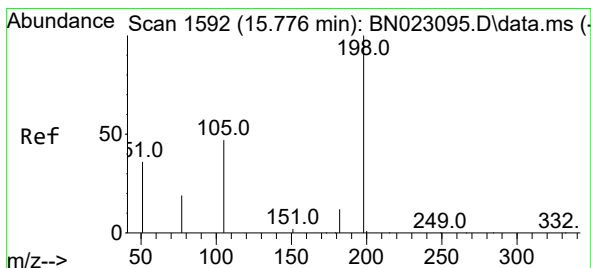
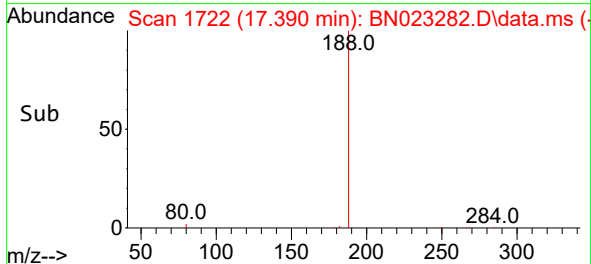
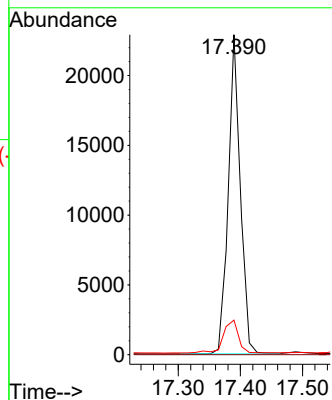
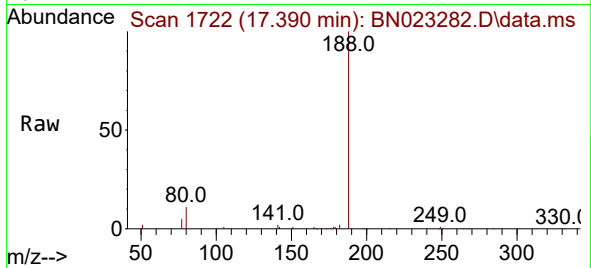




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.390 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

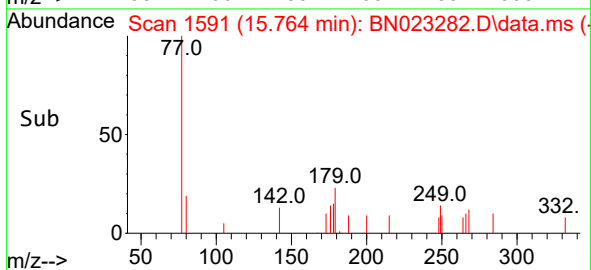
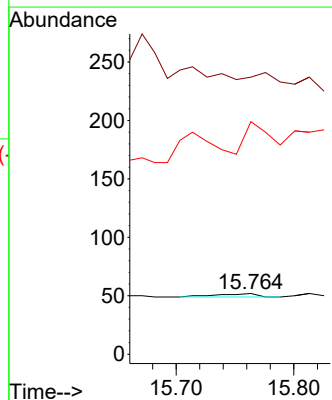
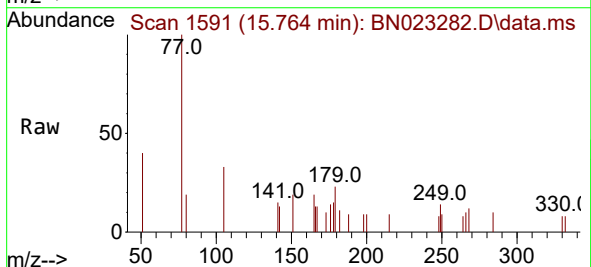
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-226-245-121422-H

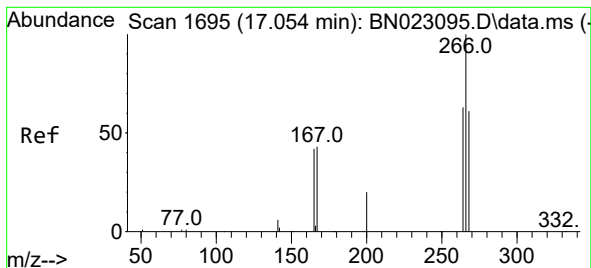
Tgt Ion:188 Resp: 30735
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.233 ng
RT: 15.764 min Scan# 1591
Delta R.T. -0.013 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 455.8 57.0 85.4#
105 382.7 47.2 70.8#





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 17.042 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN023282.D

Acq: 19 Dec 2022 12:40

Instrument :

BNA_N

ClientSampleId :

GW-BR-04-226-245-121422-H

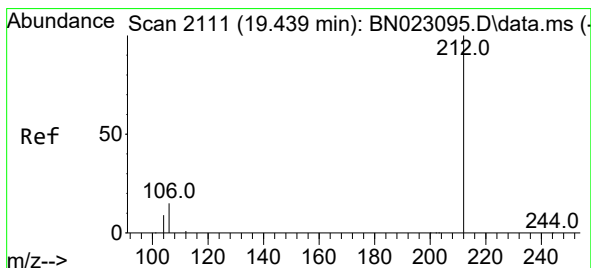
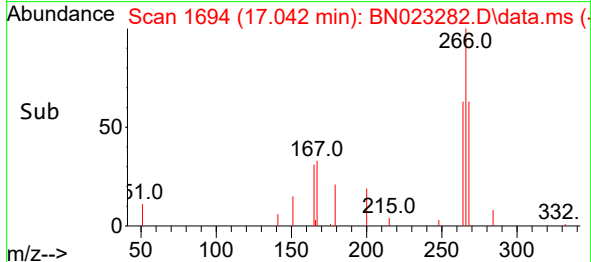
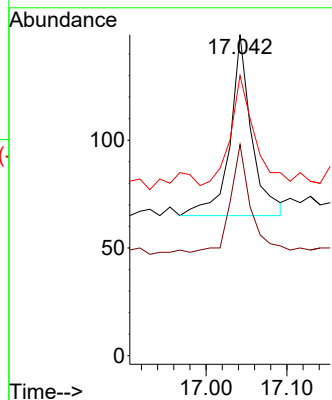
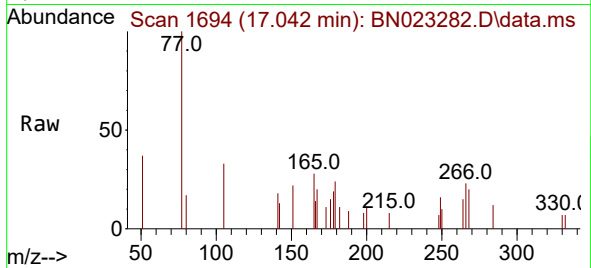
Tgt Ion:266 Resp: 156

Ion Ratio Lower Upper

266 100

264 56.4 50.1 75.1

268 71.8 49.7 74.5



#27

Fluoranthene-d10

Concen: 0.270 ng

RT: 19.422 min Scan# 2107

Delta R.T. -0.013 min

Lab File: BN023282.D

Acq: 19 Dec 2022 12:40

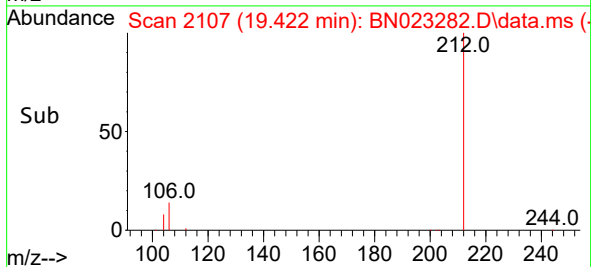
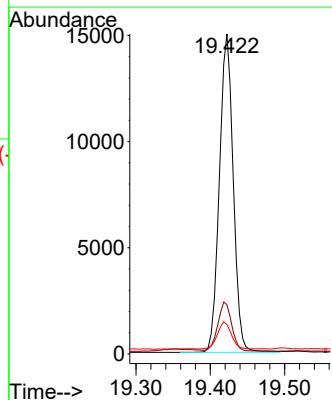
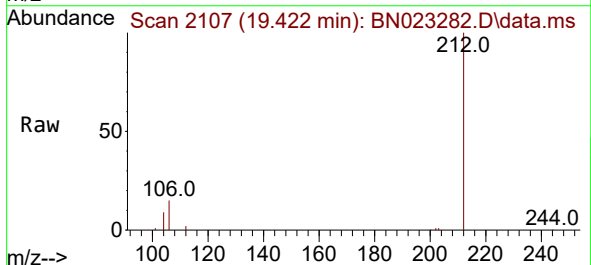
Tgt Ion:212 Resp: 19451

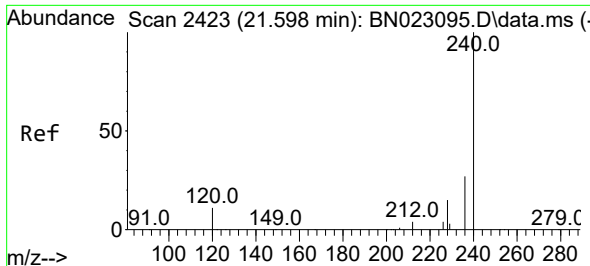
Ion Ratio Lower Upper

212 100

106 15.2 13.0 19.4

104 8.4 7.5 11.3

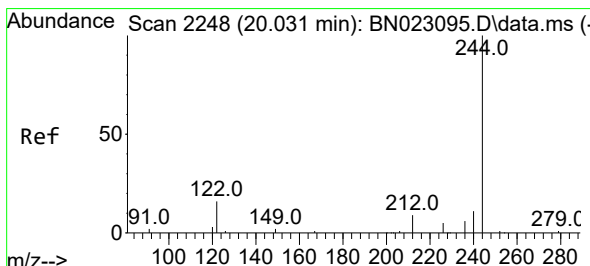
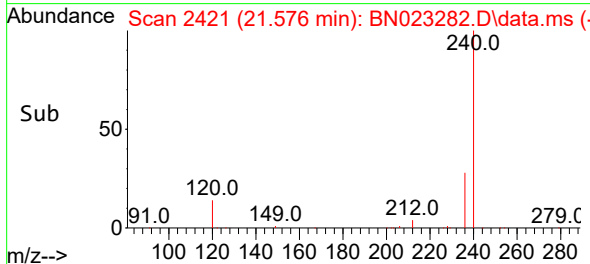
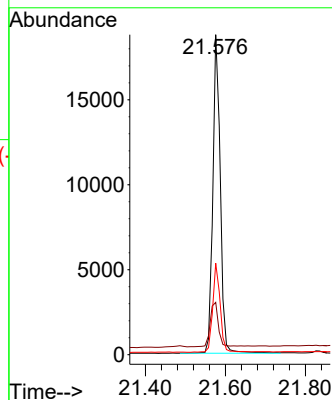
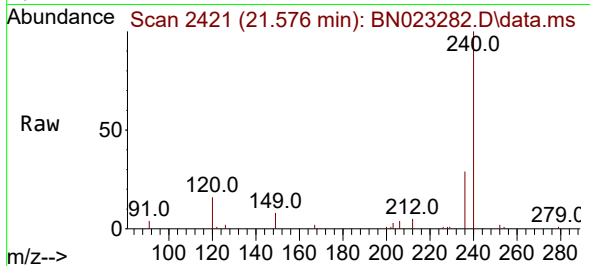




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.576 min Scan# 2421
Delta R.T. -0.014 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

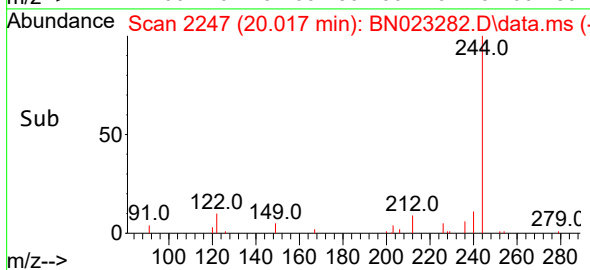
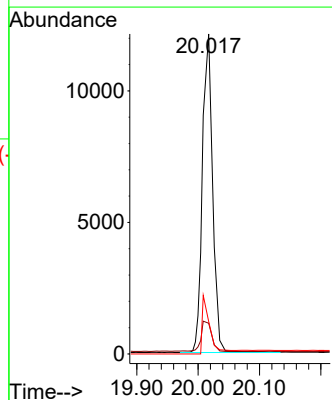
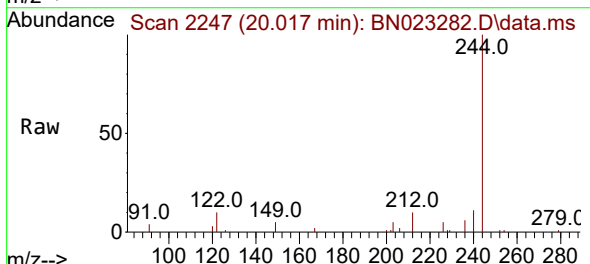
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-226-245-121422-H

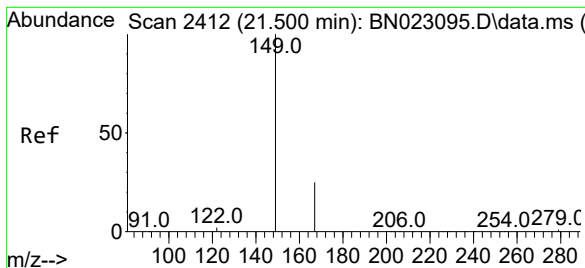
Tgt Ion:240 Resp: 24364
Ion Ratio Lower Upper
240 100
120 16.3 10.1 15.1#
236 28.6 22.2 33.4



#31
Terphenyl-d14
Concen: 0.340 ng
RT: 20.017 min Scan# 2247
Delta R.T. -0.014 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Tgt Ion:244 Resp: 13457
Ion Ratio Lower Upper
244 100
212 9.6 7.6 11.4
122 10.2 12.6 18.8#

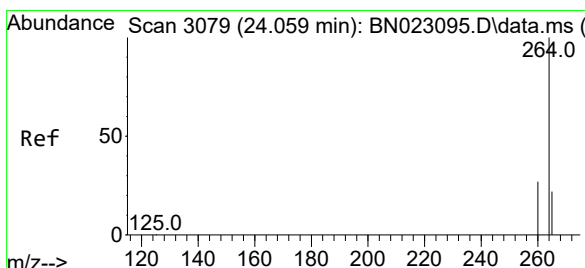
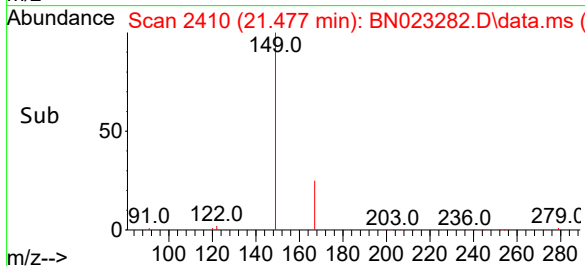
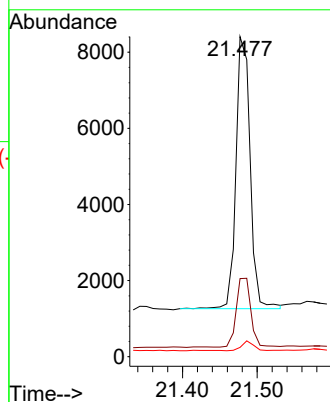
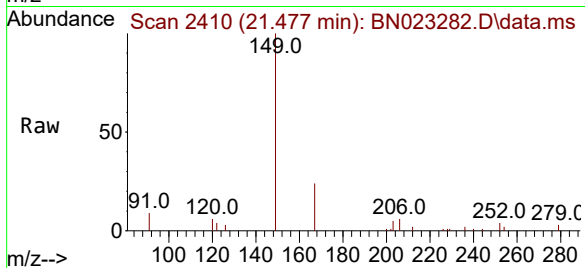




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.282 ng
RT: 21.477 min Scan# 2410
Delta R.T. -0.014 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Instrument :
BNA_N
ClientSampleId :
GW-BR-04-226-245-121422-H

Tgt Ion:149 Resp: 9369
Ion Ratio Lower Upper
149 100
167 26.2 20.2 30.2
279 3.1 2.3 3.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.028 min Scan# 3068
Delta R.T. -0.022 min
Lab File: BN023282.D
Acq: 19 Dec 2022 12:40

Tgt Ion:264 Resp: 17727
Ion Ratio Lower Upper
264 100
260 26.4 21.7 32.5
265 60.7 43.2 64.8

